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N.B.—1. Quotations with firm prices will be preferred.
2. Sales-Tax should be quoted separately.
3. No enhancement of prices will be allowed after the acceptance of the tender.
4. Quotations will be opened at 2 P.M. on the next working day after the closing date of the enquiry.

4010(b)

Dated 20th August 1952.

To

The Firms dealing in Testing Instruments.

Enquiry No. 11131.

Subject:—Testing Instruments for use in the Sri Jayachamarajendra Occupational Institute.

Gentlemen,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the undermentioned schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for the supply of Testing Instruments for use in the Sri Jayachamarajendra Occupational Institute, Bangalore" with the above enquiry number.

This enquiry will be closed on the 22nd September 1952.

SCHEDULE.

No.	Description of materials	F.O.R. Bangalore	Quantity
	I. Calorific Value of Solid Liquid and Gas Fuels :		
1	Lewis Thompson Calorimeter		4
2	Rosein Calorimeter		1
3	Darling do		1
	II. Flash Point of Oils :		
1	Flash point (Open type) *		2
2	Do (Close type) *		2
	III. Coefficient of Friction of Oils :		
1	Thruston Oil Tester (Light)		1
2	Do (Heavy)		1
	IV. Reciprocating Pumps (Electrical driven) AC. 5 HP.		1
	V. Centrifugal Pumps : (with DC. Generator set) DC. 5 H.P., RPM. 1,000-2,000.		1
	VI. "Viscometer"—Red Wood Viscometer		2
	VII. Pressure Gauge Tester		2
	VIII. "Dobbie" McInnes Indicators (latest)		1
	IX. "Crossley" Indicator		1

N.B.—1. Quotations with firm prices will be preferred.
2. Sales-Tax should be quoted separately.
3. No enhancement of prices will be allowed after the acceptance of the tender.
4. Quotations will be opened at 2 P.M. on the next working day after the closing date of the enquiry.

* By Abel Pensky apparatus with Sir Boverton Red Mood's modifications.

4010(c)

Dated 21st August 1952

To

The Firms dealing in Electrical Goods.

Enquiry No. 11154.

Electric Ceiling and Table Fans.

Gentlemen,

No. S.P.C. 21236-65. Please be good enough to intimate your best prices and the earliest time of delivery for the materials described below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Rates quoted should hold good for a period of one year from the date the contract is let out by the Stores Purchase Committee.

No definite number of fans to be supplied to the Departments during the year can be given. The number which is actually indented and drawn by the Departments may be taken as the quantity to be contracted for.

No enhancement over the prices quoted and accepted by the Stores Purchase Committee can be granted under any circumstauces during the period of the contract.

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellation of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for the supply of Electric Ceiling and Table Fans to Government Departments during 1952-53" with the above enquiry number.

This enquiry will be closed on the 4th September 1952.

N. LAKSHMAN RAU, *Secy., S.P.C.*

Specification for Induction Type, Oscillating Desk or Pedestal Fans.

1. The fans covered by this specification are required for use on :—
   1. 220 volts, single phase, 25 cycles.
   2. 220 volts, single phase, 60 cycles and 50 cycles.
   3. 110 volts, single phase, 25 cycles.

2. They shall be manufactured in accordance with the latest B.S.I. Specification No. 380 and shall fully conform to the general specification given below :—

3. The tenders shall be accompanied with descriptive literature, illustrations or photographs of the fans and regulators offered without which no tender will be considered. Tenderers will fill in the accompanying date form and submit it along with their tenders.

4. This specification applies to desk type fans suitable for use under Indian climatic conditions.

5. *Quality of Materials and Workmanship.*—All materials used in the construction of the equipment forming part of the contract are to be of the best quality and workmanship suitable for continuous operation in the tropical climate of India, where the ambient temperature may be taken as 50°C.

6. It is to be noted that the insulating materials used shall be of class "A". The fans shall have the highest class finish and shall be smoothly painted with three coats and finished in best quality hard stoved black or dark green cellulse enamel.

7. *Interchangeability.*—Corresponding parts of similar fans, regulators, etc., are to be absolutely interchangeable in every repect.

8. *Motor.*—The motor shall be of the induction type and totally enclosed, wound for the voltage and frequency specified.

9. *Blades and Guards.*—The blades shall be of polished brass lacquered or steel copper oxydised or any other approved material, shaped to give maximum volumetric efficiency, thoroughly stiff and well balanced to obviate troubles due to vibration. The fan shall have four blades mounted on a suitable spider. A strong and efficient brass or copper oxydised guard, with rings reasonably close to each other constructed of wire of sufficient thickness shall be fitted to prevent accidental contact with the blades.

10. *Bearings and Lubrication.*—The bearings shall be of the ball or roller type mounted in suitable housings. The bearings are to be self-lubricating by means of self-feeding grease and should be easily renewable. The fan should be so designed as to provide an efficient and simple lubricating system which does not require to be oiled or greased for long periods.

11. *Shafts.*—The shaft shall be of mild steel and of sufficient diameter to prevent bending under all ordinary conditions of working and rough usage. The design of the fans shall be such that they are reasonably silent in operation and no grease or oil shall splash or be thrown out.

12. *Starting and Regulating Switch.*—The fan is to be supplied with a separate starting and regulating switch self contained and fixed in the pedestal. The regulator should provide for at least three speeds, with an "off" position. The switch handle of approved insulating material shall be so planned that it can be easily and conveniently manipulated. The design shall be such that if the regulator is left in any position for an indefinite period, the temperature rise in any part thereof shall not exceed the limit specified in B.S.I. No. 380.

13. *Starting.*—The fan shall be capable of starting up from rest when 80 per cent of the rated voltage is applied to the terminals.

14. *Extent of work.*—Each fan shall be complete with all the necessary fittings and accessories including the regulator.